

\$165

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC 20231, ON THE DATE INDICATED BELOW.

BY: Patent Application DATE: April 22, 2002



BOX PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

re: Patent Application of : Group Art Unit: 1652  
Emil C. Gotschlich :  
:   
:   
Appln. No.: 10/007,267 : Examiner: To Be Assigned  
:   
Filed: December 3, 2001 :   
: Attorney Docket  
For: GLYCOSYLTRANSFERASES FOR : No. 040853-01-5029-02  
BIOSYNTHESIS OF :   
OLIGOSACCHARIDES AND GENES  
ENCODING THEM

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APR 26 2002

**AMENDMENT TRANSMITTAL LETTER**

TECH CENTER 1600/2900

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Substitute Specification.  
☒ Small Entity status:  
☒ has previously been claimed/established.  
☐ is hereby claimed under 37 C.F.R. §1.27, as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.

The additional claim fees have been calculated as follows:

					SMALL ENTITY		LARGE ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	RATE	ADDIT. FEE
TOTAL	16	(-)	20		x\$9		x\$18	
INDEP.	6	(-)	3	3	x\$42	126.00	x\$84	
<input type="checkbox"/> 1st PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					x\$140		+\$280	
					TOTAL	\$126.00	TOTAL	

The additional claim fees are being paid by:

- ☐ A check in the amount of \$\_\_\_\_\_.
- ☒ Authorization to charge and/or credit **Deposit Account No. 50-0310 (Billing No. 040853-01-5029-02)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☒ Additional claim fee in the amount of **\$126.00** as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and/or § 1.17.
- ☐ In the event that a Petition for Extension of Time is required, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account.

**CORRESPONDENCE ADDRESS**

April 12, 2002  
(Date)

By:

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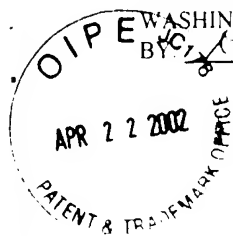
KD/kck  
Enclosures

*See*

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BY: Patricia C. Morrison

DATE: 4/12/02 April 12, 2002



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**SECOND PRELIMINARY AMENDMENT**

Preliminary to the examination of the above-identified application, please amend the application as follows:

**In the claims:**

Please cancel claims 27, 32, and 33, without prejudice. Please add new claims 34-49, as follows:

34. (New) A glycosyltransferase comprising the amino acid sequence SEQ ID NO:2, or a functionally active fragment thereof.

35. (New) A glycosyltransferase comprising the amino acid sequence SEQ ID NO:3, or a functionally active fragment thereof.

36. (New) A glycosyltransferase comprising the amino acid sequence SEQ ID NO:4, or a functionally active fragment thereof.

37. (New) A glycosyltransferase comprising the amino acid sequence SEQ ID NO:5, or a functionally active fragment thereof.

38. (New) A glycosyltransferase comprising the amino acid sequence SEQ ID NO:6, or a functionally active fragment thereof.

39. (New) A composition comprising a glycosyltransferase conjugated to a solid phase support, wherein the glycosyltransferase is selected from the group consisting of:

a) a glycosyltransferase comprising the amino acid sequence SEQ ID NO:2, or a functionally active fragment thereof;